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(11) Veröffentlichungsnummer: 0 116 932
 A1 16,371

(12) EUROPÄISCHE PATENTANMELDUNG

(21) Anmeldenummer: 84101466.5

(51) Int. Cl.³: C 07 D 333/38
A 01 N 47/36

(22) Anmeldetag: 13.02.84

(30) Priorität: 19.02.83 DE 3305865

(43) Veröffentlichungstag der Anmeldung:
29.08.84 Patentblatt 84/35

(64) Benannte Vertragsstaaten:
DE FR GB IT

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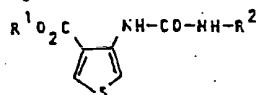
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(54) Thiophen-carbonester, Verfahren zu ihrer Herstellung und ihre Verwendung zur Bekämpfung unerwünschten Pflanzenwuchses.

(57) Die Erfindung betrifft Thiophen-carbonester der Formel



in der

R¹ Wasserstoff, Alkyl, Alkenyl, Alkynyl, Halogenalkyl, Alkoxyalkyl, Alkylthioalkyl, Cycloalkyl, gegebenenfalls substituiertes Phenyl oder Benzyl und

R² Alkyl, Alkenyl, Alkynyl, gegebenenfalls substituiertes Phenylalkyl, Halogenalkyl, Alkoxyalkyl, Alkylthioalkyl, Alkylaminoalkyl, Dialkylaminoalkyl, Cycloalkyl oder gegebenenfalls substituiertes Phenyl bedeuten,

Verfahren zur ihrer Herstellung und ihre Verwendung zur Bekämpfung unerwünschten Pflanzenwuchses.

EP 0 116 932 A1

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reaction of 4-amino-thiophene-3- carboxylic acid ester(s) with isocyanate(s)

Patent Assignee: BASF AG (BADI)

Inventor: ACKER R D; ROSSY P A; WUERZER B

Number of Countries: 004 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
DE 3305866	A	19840823	DE 3305866	A	19830219		198435 B
EP 116932	A	19840829	EP 84101466	A	19840213		198435

Priority Applications (No Kind Date): DE 3305866 A 19830219

Cited Patents: DE 2040579; DE 2122636; EP 90309; US 2453564; US 3931204

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
DE 3305866	A		27			
EP 116932	A	G				

Designated States (Regional): DE FR GB IT

Abstract (Basic): DE 3305866 A

Cpds. of formula (I) are new. In (I) R1=H, 1-10C alkyl, 2-10C alkenyl, 2-10C alkynyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl(opt. substd) by or benzyl (opt. substd.); R2=1-10C alkyl, 2-10C alkenyl, 2-10C alkyl, 8-10C phenylalkyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl (opt. substd.) or benzyl (opt. substd.).

USE - As selective herbicides in a wide range of crop plants. Application may be pre- or post-emergence and is generally at a rate of 0.1-5 kg/ha or more, pref. 0.5-3 kg/ha.

O/O

Derwent Class: C02

International Patent Class (Additional): A01N-047/36; C07D-333/38

5/7/4

DIALOG(R) File 351:DERWENT WPI

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WPI Accession No: 80-71933C EP 16371 EP A 19801001 198041

1-(1-Methyl-4-oxo-2-imidazolyl)-3-thienyl-urea derivs. - useful as anxiolytics of low toxicity without muscle relaxing and sedating effects

Patent Assignee: HOFFMANN-LA ROCHE AG (HOFF)

Inventor: HUNKELER W; KYBURZ E

Number of Countries: 016 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
EP 16371	A	19801001					198041 B
NO 8000720	A	19801006					198044
DK 8001087	A	19801013					198045
JP 55124770	A	19800926					198045
FI 8000559	A	19801031					198048
PT 70949	A	19810306					198113
ZA 8001347	A	19810203					198117

Priority Applications (No Kind Date): CH 80171 A 19800110; CH 792415 A 19790314

Cited Patents: DE 2448869; US 3983135; US 4025517

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
EP 16371	A	G				

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

Abstract (Basic): EP 16371 A

Urea derivs. of formula (I) and isocyanatothiophene derivs. of formula (II) are new: (R is 2-thienyl, 3-thienyl or 5-halo-3-thienyl; R1 is H or halogen).

(I) are pharmaceuticals esp. useful as anxiolytics of very low toxicity. (I) have a very selective anxiolytic effect without possessing the muscle